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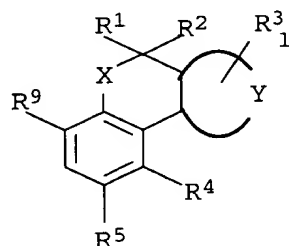
Tricyclic benzoylpyrazole derivatives

Abstract

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Tricyclic benzoylpyrazole derivatives of the formula I

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15 where:

X is oxygen, sulfur, S=O, S(=O)₂, CR⁶R⁷, NR⁸ or a bond;

Y together with the two carbons to which it is attached
20 forms a saturated, partially saturated or unsaturated
5- or 6-membered heterocycle;

R¹, R², R⁶, R⁷ are hydrogen, alkyl, haloalkyl, alkoxy or haloalkoxy;25 R³ is halogen, alkyl, haloalkyl, alkoxy or haloalkoxy;

R⁴ is hydrogen, nitro, halogen, cyano, alkyl, haloalkyl,
alkoxy, haloalkoxy, alkylthio, haloalkylthio,
alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl,
30 haloalkylsulfonyl, unsubstituted or substituted
aminosulfonyl or unsubstituted or substituted
sulfonylamino;

35 R⁵ is hydrogen, alkyl or halogen;

l is 0, 1 or 2;

R⁸ is hydrogen, alkyl, haloalkyl, alkylcarbonyl, formyl,
alkoxycarbonyl, haloalkoxycarbonyl, alkylsulfonyl or
40 haloalkylsulfonyl;

R⁹ is substituted pyrazol-4-ylcarbonyl or substituted
5-oxopyrazolin-4-ylmethylenide;

45 and their agriculturally useful salts;

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processes and intermediates for preparing the tricyclic benzoylpyrazole derivatives; compositions comprising them and the use of these derivatives or of the compositions comprising them for controlling undesirable plants are described.

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